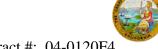
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: <u>SF/ALA</u> Rte: <u>80</u> PM: <u>13.2/13.9</u>

File #: 69.12

DAILY PROJECT JOURNAL

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000367 **Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island Dated: 18-Oct-2007

Location: Changxing Island, Shanghai, China

Submi	ubmittals(New / Total): CWR's: 0 / 21 HSR's: 0 / 6 NCR's: 0 / 11					
Item	Title	Detail				
1	Major component movement	77m Towe	77m Tower Mock-up:			
		No weldin	g observed.			
		89m Towe	r Mock-up:			
		Performing	g repairs to interior corner plate,			
		Fitting Stif	fener Plates to Interior Splice Pla	ites for PJP welding.		
		114m Tow	er Mock-up:			
		No weldin	No welding observed.			
		Closed-rib	Weld Trials:			
		ZPMC per	formed welding of 1st Closed-rib	Weld Trial. QA observed		
		porosity in	the GMAW root pass of one wel	ld head. ZPMC purged the gas		
		lines, remo	oved the porosity by grinding and	proceeded with the trial. ZPMC		
		rejected th	e trial for unacceptable weld prof	ile (underfill, undercut and		
		burn-throu	burn-through).			
2	Meetings attended	QA met w	QA met with ABF and ZPMC at 1400 to discuss the schedule for the next			
		two days:	two days:			
		77m Towe	r Mock-up:			
		Skin A aw	aiting CWR for 3rd time repair,			
		Diaphragn	flange plate butt joints pending	resolution of 150 degree bend		
		discrepanc	ies.			
		89m Towe	r Mock-up:			
		Fit and Weld Interior Splice Plates Stiffener PJP welds.				
		114m Tow	er Mock-up:			
		Work pend	ling resolution of stiffener to skin	plate repair rate.		
3	Key conversations	Caltrans met with ABF and ZPMC at 1300 to discuss issues related to				
		fabrication:				
		ZPMC info	ormed ABF and Caltrans that the	150 degree bend 77m Tower		

Mock-up Diaphragm Flange received from Wuxi Boiler has a 14mm gap

DAILY PROJECT JOURNAL (Continued Page 2 of 2)

		(************************************		
		when fit to the diaphragm. ZPMC asked if Caltrans would entertain cold		
		bending of the flanges at ZPMC instead. QA stated that this would have to		
		be discussed internally. ZPMC will decide upon either a repair method or		
		re-manufacture of the two pieces with improper bends.		
		ABF informed Caltrans that they would be submitting the rolled shapes for		
		the OBG Skin Plate T-stiffeners. They asked if Caltrans would help to		
		expedite. Caltrans agreed to help in any way possible.		
		ABF asked about the status of the dimensional control plan for the OBG		
		floor beam and corner sections. Caltrans is currently reviewing these		
		sections.		
4	Other important observations	ABF completed their UT of the Closed-rib sample and delivered the sample		
		to QA for testing at the end of the day.		
5	Quality Assurance Inspectors per	6 Day Shift (Acuna, Brannon, Hasler, Hernandez, McClendon, Viars)		
		4 Swing Shift (Berger, Dixon, Franco, Smith)		
Inspected By: McClary, David		Quality Assurance Inspector		
Reviewed By: Lowry, Patrick		QA Reviewer		